

Title (en)  
ELECTRIC INDUCTION MELTING ASSEMBLY

Title (de)  
SCHMELZANLAGE MIT ELEKTRISCHER INDUKTION

Title (fr)  
ENSEMBLE DE FUSION À INDUCTION ÉLECTRIQUE

Publication  
**EP 2745066 B1 20180228 (EN)**

Application  
**EP 12824659 A 20120802**

Priority  
• US 201161523609 P 20110815  
• US 2012049291 W 20120802

Abstract (en)  
[origin: US2013044785A1] A dry-break electrical disconnect is provided between an induction melting furnace and a component of the electric induction melting assembly in which the furnace is removably installed for melting in a vacuum or otherwise controlled environmental chamber. Electric power connections are made to the induction melting furnace in a sealed interior volume of the assembly component that can be pressurized and of a different environment than that in the controlled environmental chamber. The assembly component may be a tilting cradle installed in the controlled environment chamber.

IPC 8 full level  
**F27B 14/02** (2006.01); **F27B 14/04** (2006.01); **F27B 14/06** (2006.01); **H05B 6/26** (2006.01)

CPC (source: EP US)  
**F27B 14/02** (2013.01 - EP US); **F27B 14/04** (2013.01 - EP US); **F27B 14/061** (2013.01 - EP US); **F27B 14/08** (2013.01 - EP US); **H05B 6/26** (2013.01 - EP US); **H05B 6/36** (2013.01 - US)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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